

LED Tracklight 10W 3000K



Light Output Ratio:	100.0%	
Luminaire Power:	9.877 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	fine grid method.

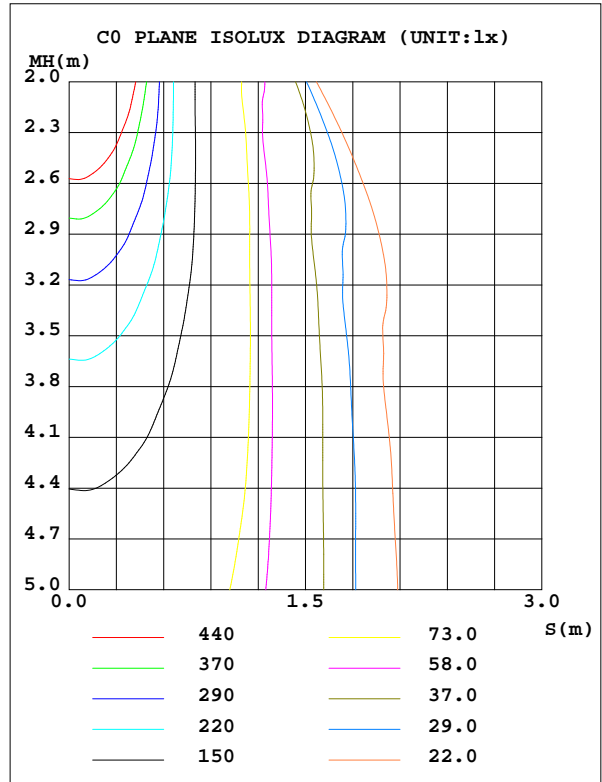
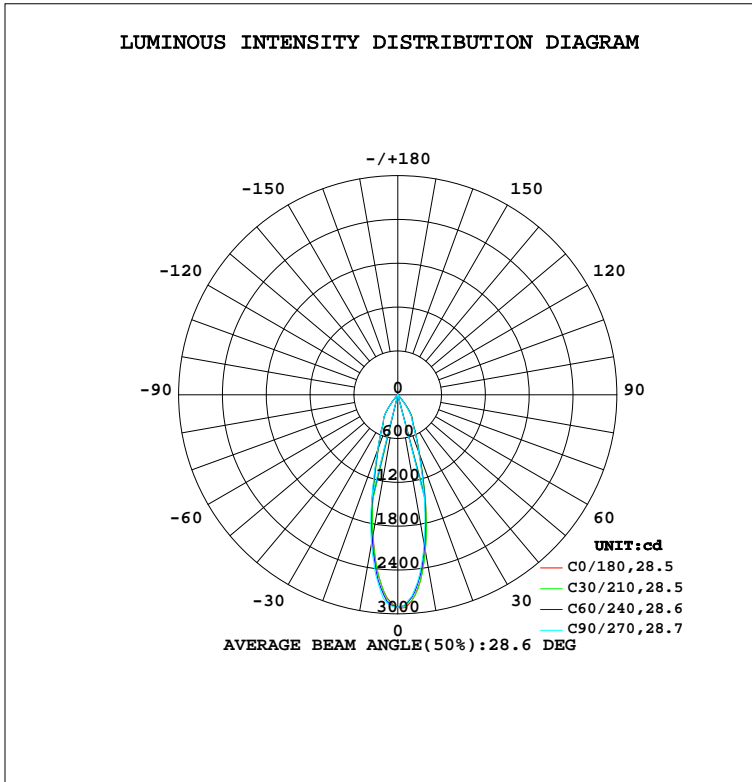
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 24DEG
 Operators: Bishoy Wagih
 Test Date: 21 February 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.413
 Humidity: 36%
 Test Distance: 8.816m [K=1.0000]
 Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I _{max} (cd)	2937	S/MH(C0/180)	0.46
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.48
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1052.3	η UP, DN(C0-180)	0.0, 50.0
NOMINAL FLUX(lm)	1052.32	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 50.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Bishoy Wagih
Test Date:21 February 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
Humidity:36%
Test Distance:8.816m [K=1.0000]
Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

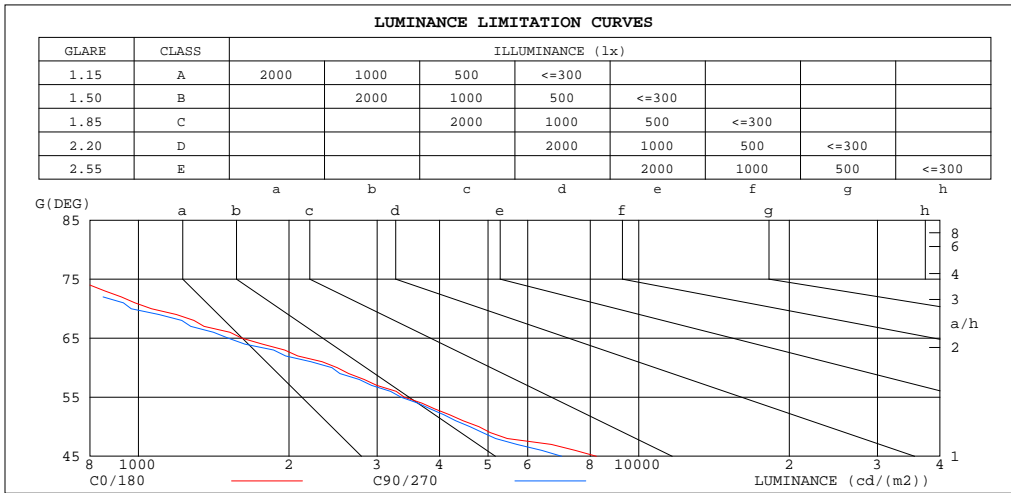
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\$lum, lamp$
10	2171	2150	2077	1980	1957	1991	2073	2159	0- 10	236.1	236.1	22.4,22.4
20	872.1	866.4	844.9	807.3	787.4	787.5	815.2	864.0	10- 20	374.7	610.8	58,58
30	401.8	399.8	391.7	388.2	390.5	389.0	396.9	404.9	20- 30	256.4	867.2	82.4,82.4
40	103.7	92.56	76.14	56.55	55.06	65.74	80.74	106.2	30- 40	158.6	1026	97.5,97.5
50	10.21	10.39	9.815	9.262	9.105	9.424	9.732	9.892	40- 50	17.84	1044	99.2,99.2
60	4.137	4.150	4.047	3.718	3.687	3.821	3.954	3.964	50- 60	5.785	1049	99.7,99.7
70	1.205	1.193	1.099	1.092	1.059	1.124	1.200	1.102	60- 70	2.250	1052	99.9,99.9
80	0.3105	0.2575	0.2361	0.2132	0.1617	0.1967	0.2742	0.2261	70- 80	0.6441	1052	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.0338	1052	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:Bishoy Wagih
 Test Date:21 February 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
 Humidity:36%
 Test Distance:8.816m [K=1.0000]
 Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

LUMINANCE LIMITATION CURVES

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	0
80	539	409
75	748	654
70	1063	967
65	1611	1513
60	2496	2437
55	3402	3352
50	4794	4598
45	8229	7016

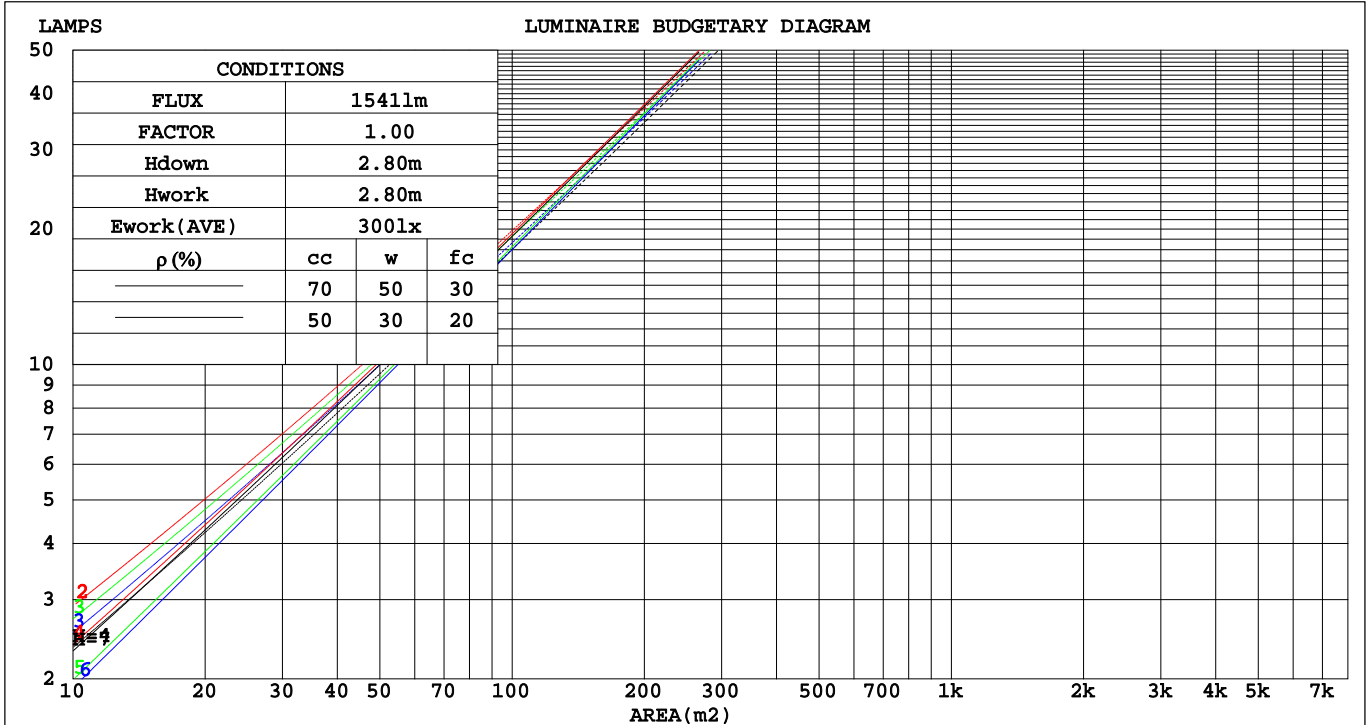
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:Bishoy Wagih
 Test Date:21 February 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
 Humidity:36%
 Test Distance:8.816m [K=1.0000]
 Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw																0
ρfc																0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.05	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90
3.0	.00	.95	.92	.98	.94	.91	.96	.92	.90	.93	.91	.88	.91	.89	.87	.86
4.0	.94	.90	.86	.93	.89	.86	.91	.88	.85	.89	.86	.84	.88	.85	.83	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.86	.82	.79	.84	.81	.79	.77
6.0	.85	.80	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.81	.78	.75	.74
7.0	.82	.76	.73	.81	.76	.73	.80	.75	.72	.79	.75	.72	.78	.74	.72	.70
8.0	.78	.73	.69	.77	.73	.69	.76	.72	.69	.76	.72	.69	.75	.71	.69	.67
9.0	.75	.70	.66	.74	.70	.66	.73	.69	.66	.73	.69	.66	.72	.68	.66	.65
10.0	.72	.67	.64	.71	.67	.63	.71	.66	.63	.70	.66	.63	.69	.66	.63	.62



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:Bishoy Wagih
 Test Date:21 February 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
 Humidity:36%
 Test Distance:8.816m [K=1.0000]
 Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

WEC AND CCEC

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.157	.089	.028	.150	.086	.027	.138	.079	.025	.126	.073	.023	.116	.067	.022	
2.0	.149	.081	.025	.143	.079	.024	.133	.074	.023	.123	.069	.022	.114	.065	.020	
3.0	.140	.075	.022	.136	.073	.022	.127	.069	.021	.119	.065	.020	.111	.062	.019	
4.0	.133	.069	.020	.129	.068	.020	.122	.064	.019	.115	.062	.019	.108	.059	.018	
5.0	.126	.064	.019	.123	.063	.018	.116	.061	.018	.110	.058	.017	.105	.056	.017	
6.0	.120	.060	.017	.117	.059	.017	.112	.057	.017	.106	.055	.016	.102	.053	.016	
7.0	.115	.057	.016	.112	.056	.016	.107	.054	.016	.103	.053	.015	.098	.051	.015	
8.0	.110	.054	.015	.108	.053	.015	.103	.052	.015	.099	.050	.014	.095	.049	.014	
9.0	.105	.051	.014	.103	.050	.014	.099	.049	.014	.096	.048	.014	.092	.047	.014	
10.0	.101	.048	.013	.099	.048	.013	.096	.047	.013	.092	.046	.013	.089	.045	.013	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.170	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.086	.063	.102	.075	.054	.070	.052	.038	.041	.031	.023	.013	.010	.008	
6.0	.111	.077	.053	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.045	.089	.060	.039	.062	.042	.028	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.084	.054	.033	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.092	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.052	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:Bishoy Wagih
 Test Date:21 February 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
 Humidity:36%
 Test Distance:8.816m [K=1.0000]
 Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

UGR(Unified Glare Rating) Table

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	18.1	18.9	18.3	19.1	19.2	17.5	18.3	17.7	18.5	18.7
3H	18.0	18.7	18.2	18.9	19.1	17.4	18.1	17.6	18.3	18.5
4H	17.9	18.6	18.2	18.8	19.0	17.3	18.0	17.6	18.2	18.4
6H	17.8	18.5	18.1	18.7	18.9	17.2	17.9	17.5	18.1	18.4
8H	17.8	18.4	18.1	18.6	18.9	17.2	17.8	17.5	18.1	18.3
12H	17.7	18.3	18.0	18.6	18.9	17.1	17.7	17.4	18.0	18.3
4H 2H	17.9	18.6	18.2	18.8	19.0	17.3	18.0	17.6	18.2	18.4
3H	17.7	18.3	18.0	18.6	18.9	17.1	17.8	17.5	18.0	18.3
4H	17.6	18.2	18.0	18.5	18.8	17.1	17.6	17.4	17.9	18.2
6H	17.5	18.0	17.9	18.4	18.7	17.0	17.4	17.3	17.8	18.1
8H	17.5	17.9	17.9	18.3	18.6	16.9	17.4	17.3	17.7	18.1
12H	17.4	17.8	17.8	18.2	18.6	16.8	17.3	17.3	17.6	18.0
8H 4H	17.5	17.9	17.9	18.3	18.6	16.9	17.4	17.3	17.7	18.1
6H	17.4	17.8	17.8	18.1	18.6	16.8	17.2	17.2	17.6	18.0
8H	17.3	17.7	17.8	18.1	18.5	16.7	17.1	17.2	17.5	17.9
12H	17.3	17.5	17.7	18.0	18.5	16.7	17.0	17.1	17.4	17.9
12H 4H	17.4	17.8	17.8	18.2	18.6	16.8	17.3	17.3	17.6	18.0
6H	17.3	17.7	17.8	18.1	18.5	16.7	17.1	17.2	17.5	17.9
8H	17.3	17.5	17.7	18.0	18.5	16.7	17.0	17.1	17.4	17.9

Variations with the observer position at spacings:

S = 1.0H	+ 4.4 / -12.6	+ 4.1 / -11.7
1.5H	+ 7.1 / -10.5	+ 6.7 / - 9.3
2.0H	+ 4.0 / - 3.3	+ 3.2 / - 3.4

CIE Pub.117, 1052 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.2)
 Area: 0.00331831 m2

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:Bishoy Wagih
 Test Date:21 February 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
 Humidity:36%
 Test Distance:8.816m [K=1.0000]
 Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

UTILIZATION FACTORS TABLE

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:

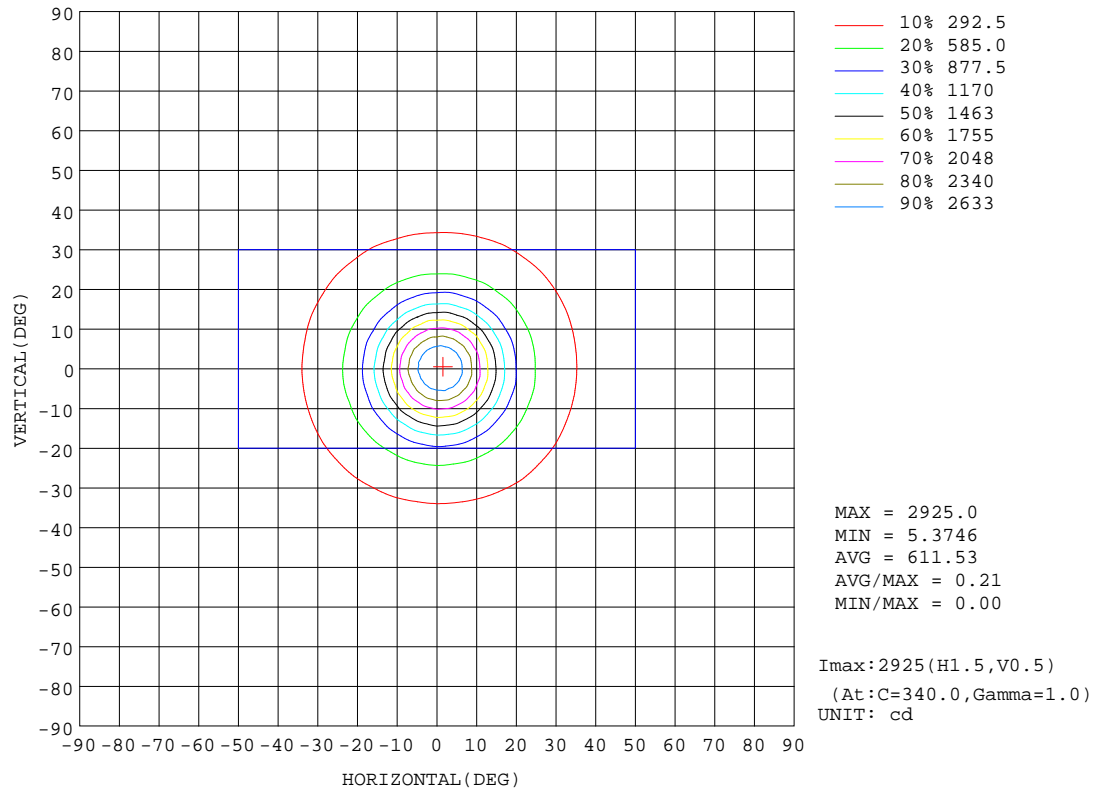
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	90	84	81	89	84	81	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	93	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	105	102	105	103	100	95
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:Bishoy Wagih
 Test Date:21 February 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
 Humidity:36%
 Test Distance:8.816m [K=1.0000]
 Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

ISOCANDELA DIAGRAM

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:

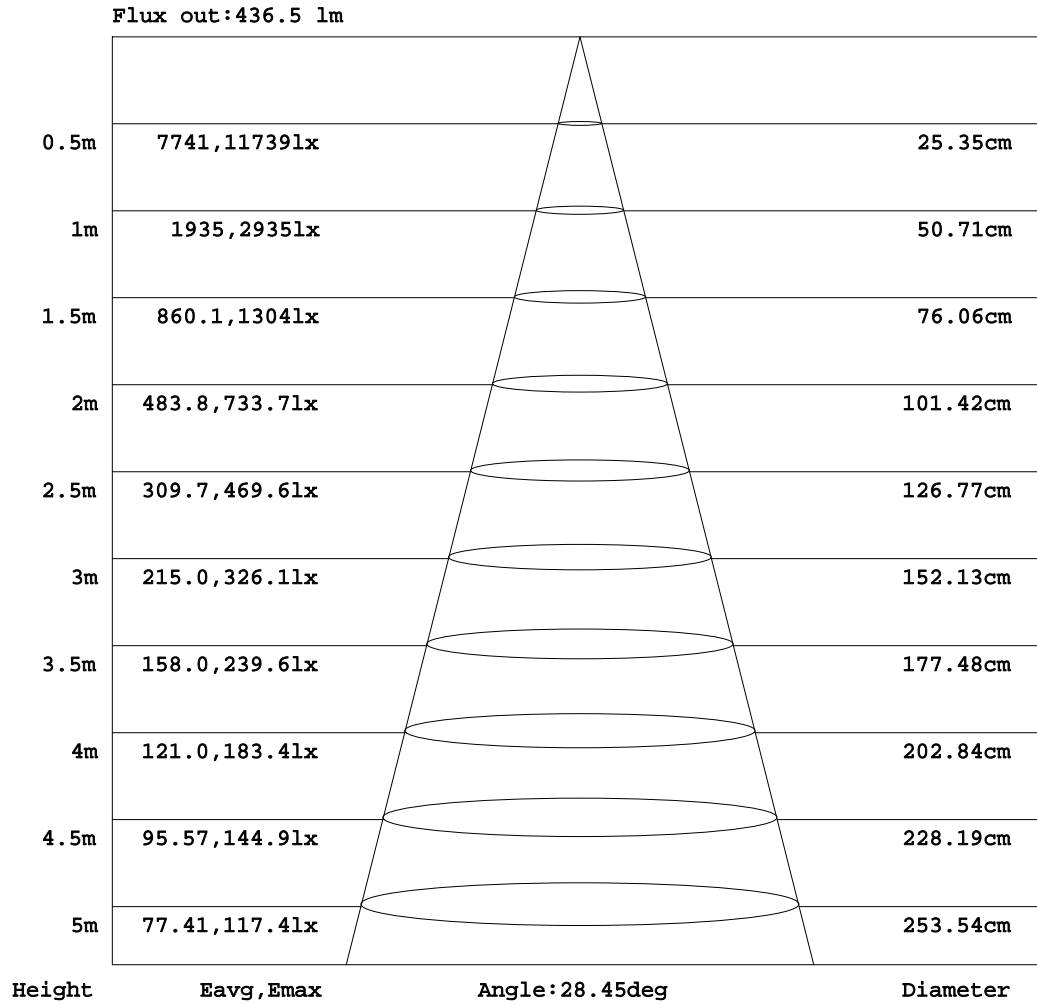


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 24DEG
 Operators: Bishoy Wagih
 Test Date: 21 February 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.413
 Humidity: 36%
 Test Distance: 8.816m [K=1.0000]
 Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

AAI Figure

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:



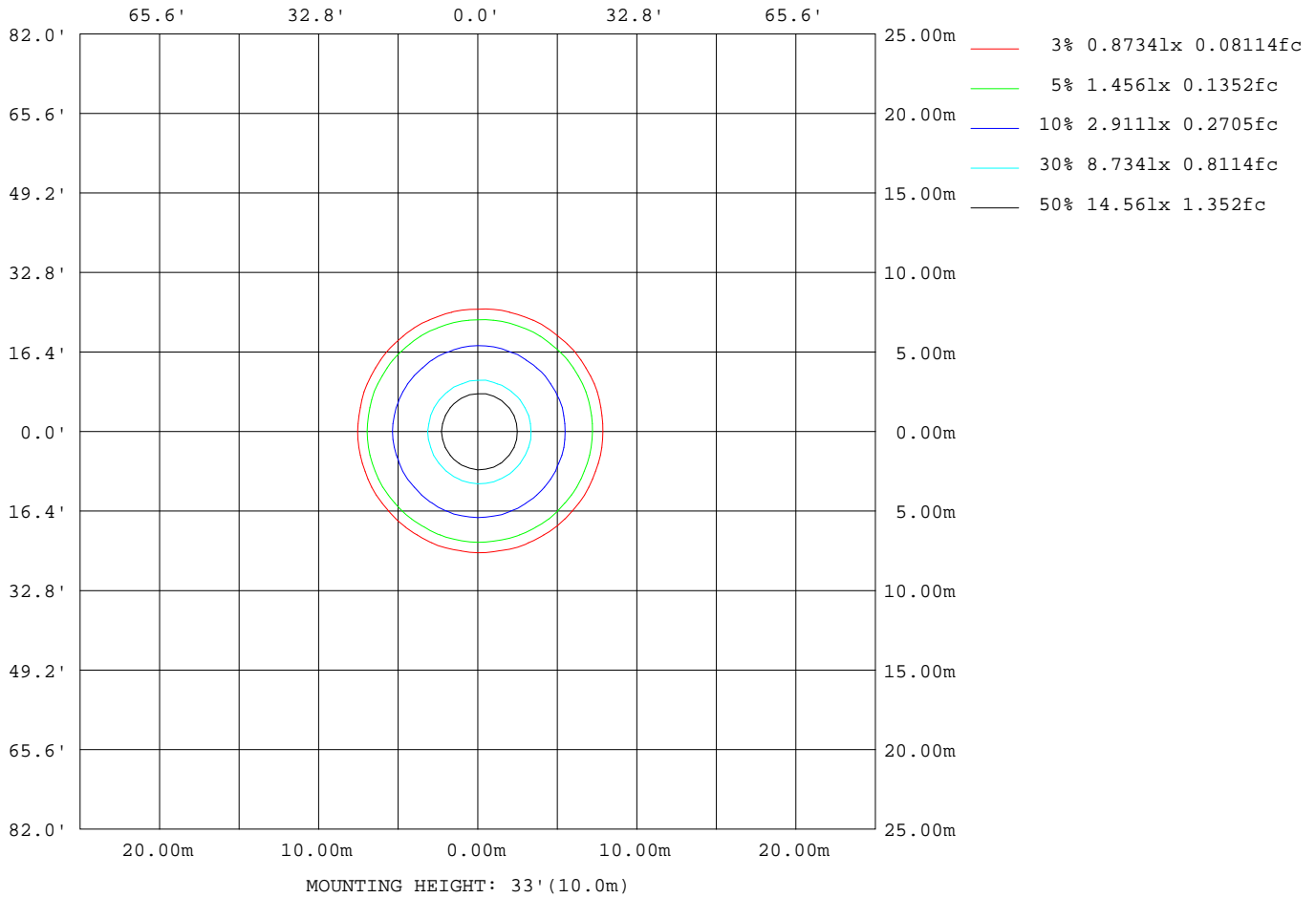
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Bishoy Wagih
Test Date:21 February 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
Humidity:36%
Test Distance:8.816m [K=1.0000]
Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

ISOLUX DIAGRAM

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Bishoy Wagih
Test Date:21 February 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
Humidity:36%
Test Distance:8.816m [K=1.0000]
Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

LED Avg.L Report

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:

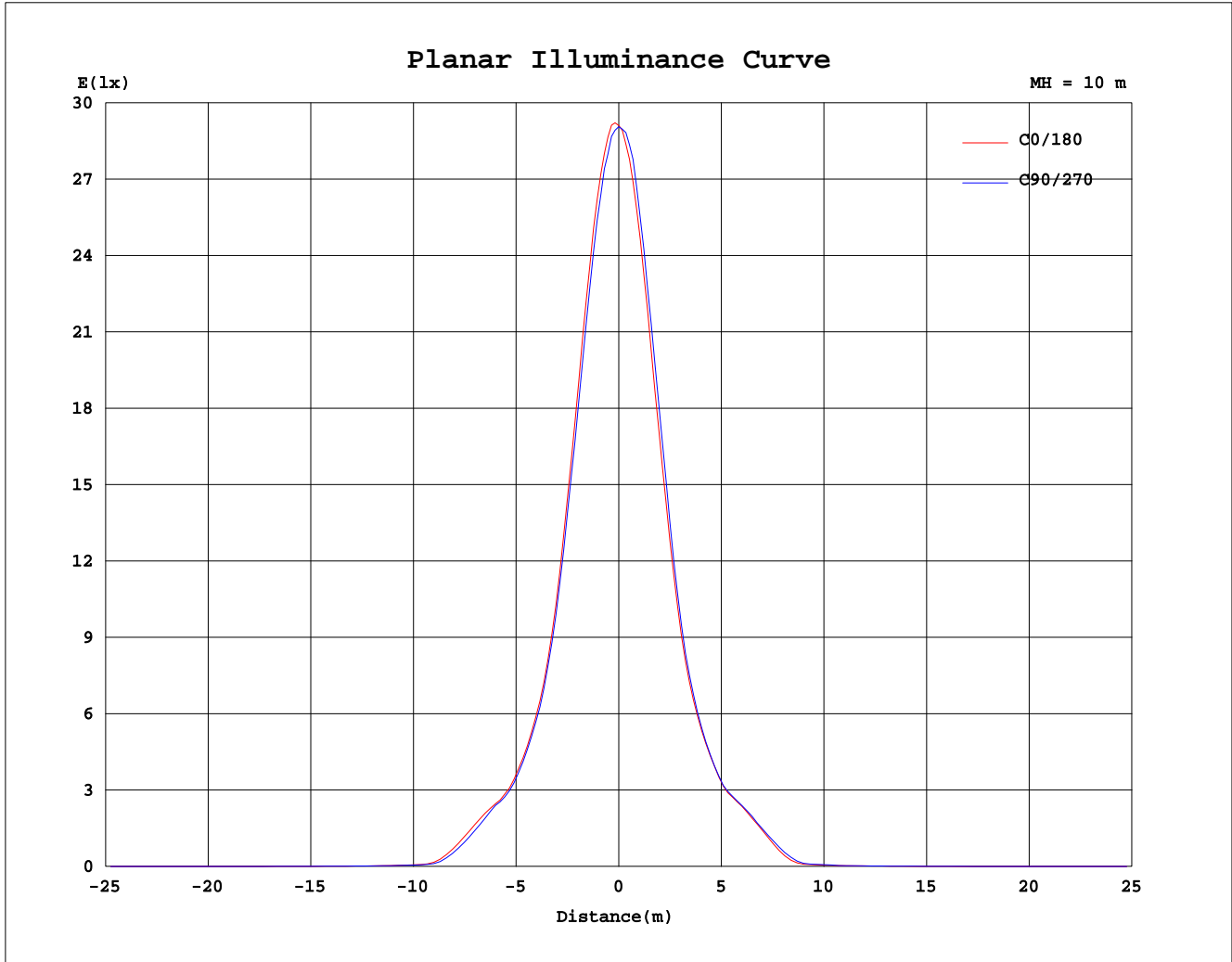
AvgL	cd/m2
L_0~180(65)av	1519
L_0~180(75)av	664
L_0~180(85)av	0
L_90~270(65)av	1553
L_90~270(75)av	689
L_90~270(85)av	0
L_45(65)av	1533
L_45(75)av	649
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Bishoy Wagih
Test Date:21 February 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
Humidity:36%
Test Distance:8.816m [K=1.0000]
Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 24DEG
 Operators: Bishoy Wagih
 Test Date: 21 February 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.413
 Humidity: 36%
 Test Distance: 8.816m [K=1.0000]
 Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.90V I:0.0824A P:9.8773W PF:0.5448 Freq:49.99Hz Lamp Flux:1052.32x1 lm		
NAME: SPT09-COB01023001	TYPE:LED Tracklight	WEIGHT:0.935kg
SPEC.:10W 3000K	DIM.: Phi 85*H230 mm	SERIAL No.:
MFR.: Sega-M Electrical Products	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG)\ γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	2908	2908	2908	2908	2908	2908	2908	2908	2908	2908	2908	2908	2908	2908	2908	2908	2908		
5	2596	2634	2607	2629	2641	2659	2675	2690	2704	2722	2722	2747	2749	2780	2764	2778	2751		
10	1946	1974	1970	1988	1993	2017	2031	2072	2073	2113	2130	2145	2144	2174	2161	2188	2168		
15	1247	1275	1252	1278	1274	1305	1307	1346	1336	1383	1372	1417	1406	1441	1422	1456	1436		
20	781	790	777	787	788	801	801	815	815	836	833	850	854	874	864	883	872		
25	526	529	521	525	517	529	528	538	533	545	542	558	561	574	572	581	578		
30	390	391	389	390	388	393	391	393	397	397	400	402	402	407	405	409	404		
35	252	262	256	261	257	262	262	267	269	277	282	292	292	300	303	305	303		
40	52.8	59.4	58.2	65.7	65.8	75.1	74.1	81.0	80.7	90.2	91.2	102	101	111	106	112	105		
45	16.4	17.1	16.8	17.7	18.4	18.9	19.5	20.4	20.5	21.2	20.5	20.8	19.9	19.9	19.2	19.7	19.3		
50	9.20	9.29	9.37	9.42	9.43	9.46	9.66	9.79	9.73	9.90	9.88	9.96	9.68	10.1	9.98	10.2	10.1		
55	6.01	6.09	6.16	6.25	6.25	6.28	6.37	6.45	6.51	6.54	6.42	6.45	6.30	6.42	6.38	6.48	6.46		
60	3.68	3.73	3.71	3.81	3.83	3.84	3.83	3.91	3.95	4.04	4.03	4.05	3.90	4.03	4.08	4.10	4.12		
65	2.06	2.09	2.09	2.11	2.18	2.17	2.19	2.19	2.23	2.24	2.25	2.23	2.15	2.19	2.21	2.19	2.21		
70	1.12	1.07	1.13	1.08	1.17	1.11	1.16	1.14	1.20	1.15	1.18	1.15	1.12	1.09	1.14	1.11	1.15		
75	0.57	0.53	0.58	0.51	0.58	0.53	0.59	0.56	0.62	0.55	0.59	0.54	0.55	0.50	0.57	0.54	0.59		
80	0.23	0.19	0.23	0.17	0.23	0.18	0.24	0.21	0.27	0.21	0.25	0.20	0.25	0.20	0.26	0.21	0.26		
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:Bishoy Wagih
 Test Date:21 February 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.413
 Humidity:36%
 Test Distance:8.816m [K=1.0000]
 Remarks: SPT09-COB01023001 LED Tracklight 10W 3000K